

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

American Panel Corporation 5800 S.E. 78th Street Ocala, Florida 34475

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Walk-In Cooler / Freezer

APPROVAL DOCUMENT: Drawing No. KC15-0405, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated June 24, 2015, signed and sealed by J. W. Knezevich, P.E., on June 24, 2015, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-0516.18 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

NOA No. 15-0629.08
Expiration Date: 08/30/2017
Approval Date: 02/25/2016
Page 1

American Panel Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0301.04

A. DRAWINGS

1. Drawing No. 06-541, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Thornton Tomasetti, dated February 15, 2007, last revision #1 dated July 17, 2007, signed and sealed by J. W. Knezevich, P.E.

B. TESTS

1. Test report on Uniform Static air Pressure Test, Large Missile Impact Test, Cyclic Load Test, and Racking Load Test on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 06-018, dated 01/15/2007, signed and sealed by Yamil Kuri, P.E.

C. CALCULATIONS

1. Calculation titled "Walk-In Cooler/Freezer Calculations", dated February 15, 2007, sheets 1 through 22 of 22, prepared by Thornton Tomasetti, signed and sealed by J. W. Knezevich, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. Tensile Test by Certified Testing Laboratories, Report # 198, dated 01/05/07, signed and sealed by Ramesh Patel, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0516.18

A. DRAWINGS

1. Drawing No. 12-APC-01, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated May 14, 2012, signed and sealed by J. W. Knezevich, P.E., on May 14, 2012.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

Helfny A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 15-0629.08 Expiration Date: 08/30/2017

Approval Date: 02/25/2016

American Panel Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. KC15-0405, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated June 24, 2015, signed and sealed by J. W. Knezevich, P.E., on June 24, 2015.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

Herry A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 15-0629.08

Expiration Date: 08/30/2017 Approval Date: 02/25/2016

GENERAL NOTES: THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A WALK-IN COOLER/FREEZER SYSTEM ANALYZED WITH THE PROVISIONS SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PERMITTING, ENVIRONMENT AND REGULATORY AFFAIRS, PRODUCT CONTROL SECTION. THESE DOCUMENTS COMPLY WITH THE 5th EDITION (2014) FLORIDA BUILDING CODE (FBC), HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS. FOR ARES OUTSIDE OF THE HYHZ, SITE SPECIFIC ENGINEERING IS REQUIRED TO VERIFY THE SITE SPECIFIC DESIGN WIND LOADS AND PANEL TESTING COMPLY WITH THE TESTING REQUIREMENTS OF FBC SECTION 1710,3, THESE PRODUCT EVALUATION DOCUMENTS ADDRESS THE STRUCTURAL REQUIREMENTS FOR COMPLIANCE WITH THE STRUCTURAL PORTIONS OF THE NOTED CODES. MECHANICAL, ELECTRICAL AND WATERPROOFING REQUIREMENTS ARE NOT PART OF THE EVALUATION. SPECIFIC USE OF THE EVALUATION REQUIRES THE ARCHITECT OR ENGINEER OF RECORD TO ADDRESS THE MECHANICAL, ELECTRICAL, AND WATERPROOFING REQUIREMENTS FOR THE INSTALLATION. DESIGN LOADS: I. DEAD LOAD: II. LIVE LOAD: III. MECHANICAL EOUIPMENT: 330 LBS MAXIMUM, PROVIDE MINIMUM 4'-0" SPACING. I. DEAD LOAD: WALL PANEL 2.6 PSF

250 PSF

D. WIND LOADS SHALL BE DETERMINED IN ACCORDANCE WITH THE CODE PROVISIONS AT THE TIME OF PERMIT BASED ON THE SITE SPECIFIC CONDITIONS. SEE TABLE 3 ON SHEET 2 FOR ASD WIND LOADS USED IN THE DESIGN OUTLINED WITHIN THESE DOCUMENTS. THESE LOADS ARE ALLOWABLE LOADS BASED ON WIND LOAD RESISTANCE TESTING. WIND LOADS DETERMINED IN ACCORDANCE WITH THE FBC SECTION 1609 SHALL BE MULTIPLIED BY THE ASD LOAD FACTOR OF 0.6 FOR COMPARISON WITH THE

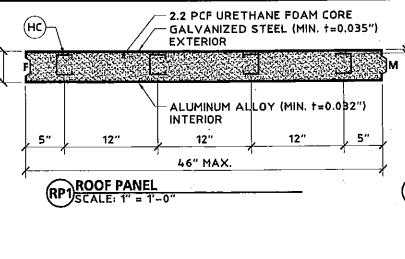
THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE SPECIFIC APPLICATION OF THIS WALK-IN

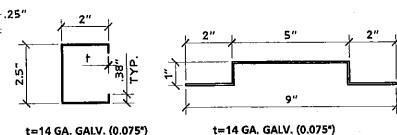
THESE DOCUMENTS REPRESENT THE STRUCTURAL AND MATERIAL REQUIREMENTS OF THE WALK-IN COOLER/FREEZER STRUCTURE. THESE APPROVAL DOCUMENTS SHALL NOT BE APPLIED BY THE CONTRACTOR, ON A SPECIFIC SITE WITHOUT THE INVOLVEMENT OF AN ARCHITECT OR ENGINEER OF RECORD (A/E OF RECORD). THE A/E OF RECORD SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE CODE REQUIRMENTS OF A SPECIFIC INSTALLTION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

ALL BOLTS AND SCREWS SHALL BE 2024-T4 ALUMINUM ALLOY, ELECTRO-GALVANIZED STEEL, HOT DIPPED GALVANIZED STEEL OR 300

ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON THE DRAWINGS. EMBEDMENT LENGTHS NOTED ON THE DRAWINGS SHALL NOT INCLUDE FINISH MATERIAL.

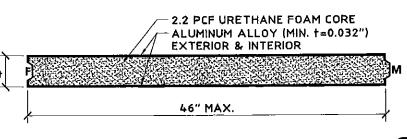
DOCUMENTS. DETERMINE AND/OR PROVIDE FOR COMPLIANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING

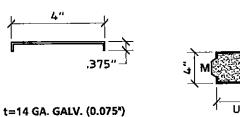


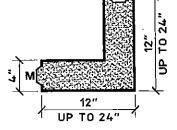


t=14 GA. GALV. (0.075*) STRUCTURAL SUPPORT
"HAT" CHANNEL (STEEL)

STRUCTURAL SUPPORT RC DOOR PANEL REINF, CHANNEL





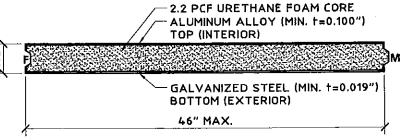


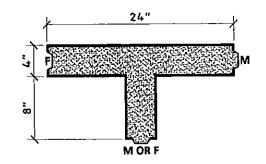
WP SCALE: 1" = 1'-0

STRUCTURAL SUPPORT DOOR CHANNEL (STEEL) (DC)SCALE: 3" = 1'-0"

SCALE: 3" = 1'-0'

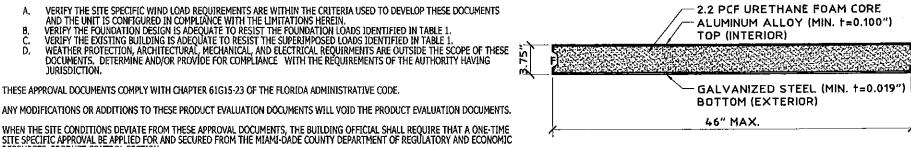
WCSCALE: 1" = 1'-0"





FLOOR PANEL

WALL PANEL (TEE SECTION)



RIGID URETHANE FOAM SANDWICH PANEL SPECIFICATIONS

RESOURCES, PRODUCT CONTROL SECTION.

I. DEAD LOAD: FLOOR PANEL

ALLOWABLE LOADS ON THESE DOCUMENTS.

COOLER/FREEZER SYSTEM.

5.

10.

II. LIVE LOAD: INSULATED FLOOR FLOORLESS

WALL & ROOF COMPOSITE SANDWICH PANELS ARE COMPRISED OF ALUMINUM OR STEEL FACINGS WITH POURED URETHANE PLASTIC CORES. THICKNESS AND MATERIAL OF FACINGS SHALL BE AS SHOWN ON THE DRAWINGS.

AN ALLOWABLE STRESS INCREASE IS NOT USED IN THE DESIGN OF THE COOLER/FREEZER UNIT NOR ITS ATTACHMENTS.

- ALUMINUM FACINGS ON WALL AND ROOF PANELS SHALL BE 3105-H254 ALLOY (MIN. FY=26.7 KSI) FOR INTERIOR AND EXTERIOR USE,
- ALUMINUM FACINGS ON FLOOR PANELS SHALL BE 5052-H34 ALLOY WITH A MINIMUM FY=30.8 KSI FOR INTERIOR USE.

THESE APPROVAL DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.

STEEL FACINGS USED ON ROOF PANELS SHALL COMPLY WITH ONE OF THE FOLLOWING:

SERIES STAINLESS STEEL WITH A MIN. TENSILE STRENGTH OF 60 KSI.

A.ASTM A653 CS, TYPE B WITH A MIN. FY = 48 KSI, MIN. THICKNESS OF 0.035" AND G90 COATING. B. ASTM A653 SS, GRADE 50, CLASS 1, WITH A MIN. THICKNESS OF 0.035" AND G90 COATING.

- STEEL FACINGS USED ON FLOOR PANELS SHALL BE ASTM A653 SS, GRADE 33 WITH A MINIMUM THICKNESS OF 0.019" AND A G90 COATING FOR EXTERIOR USE.
- AVERAGE DENSITY OF URETHANE FOAM CORE SHALL BE 2.3 PCF WITH A RANGE OF ANY GIVEN MEASUREMENT OF +/- 10%.
- URETHANE FOAM CORE SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 75 AND SHALL HAVE A SMOKE-DEVELOPED RATING OF NOT MORE THAN 450.
- METAL FACINGS SHALL BE ADHERED TO FOAM WITH AN AIR SPRAY COATING OF UPACO #1882 (3001881H) ADHESIVE AT A RATE OF 0.147 FLUID OUNCES PER SQUARE FOOT. 8.
- FOR SPECIFIC REQUIREMENTS OF FOAM PLASTICS IN WALK-IN COOLERS, SEE FBC SECTION 2603.4.1.2 AND 2603.4.1.3.

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 15 - 0629 Expiration Date 08/30 Mianti Dade Product Control

J.W. Knezevich Professional Engineer Ft, License No.: PE 41961 ARV AS NOTEL 06/24/2015 drawing no KC15-0405

sheet 1 of 5

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FREEZER

COOLER /

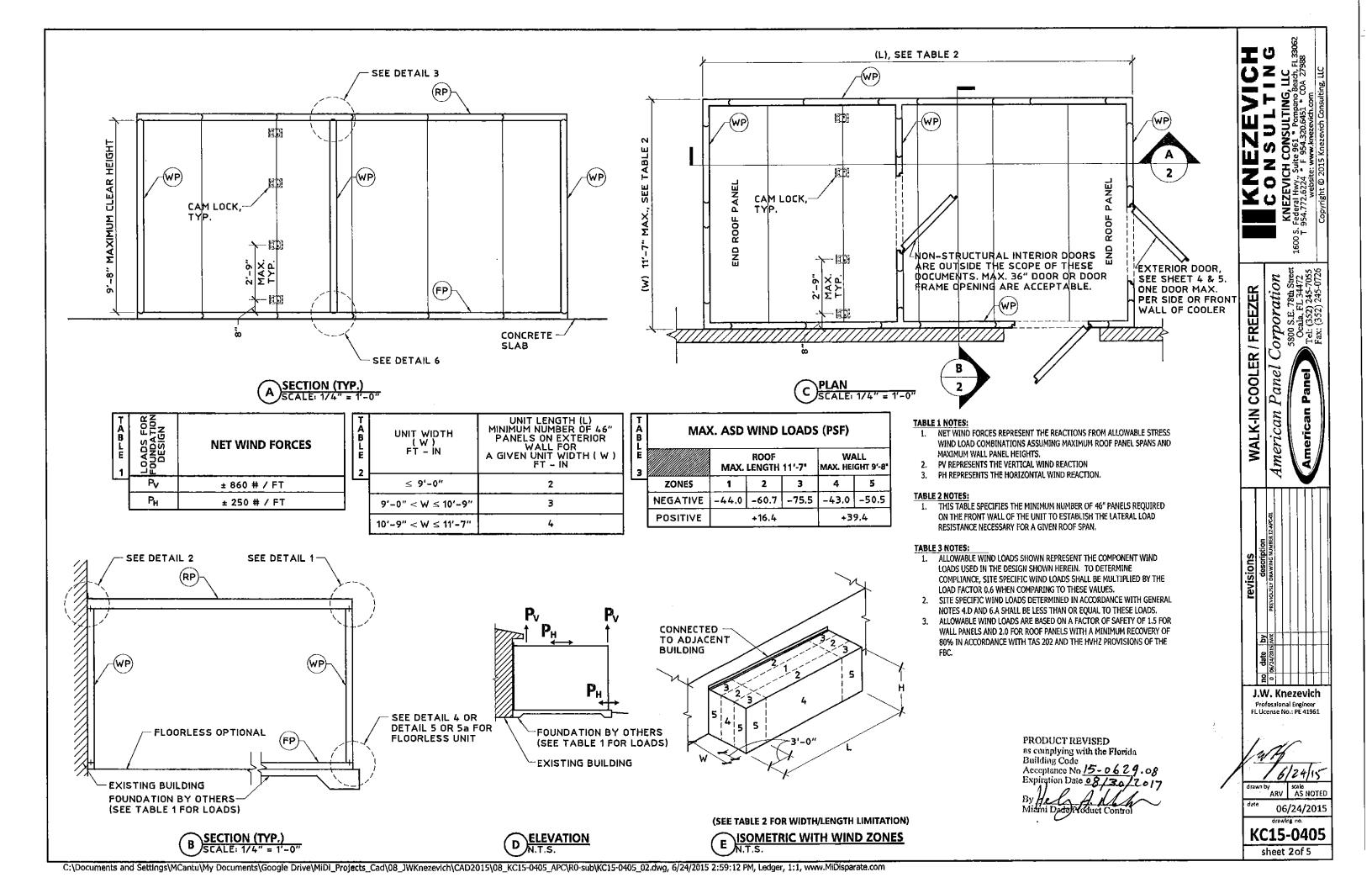
WALK-IN

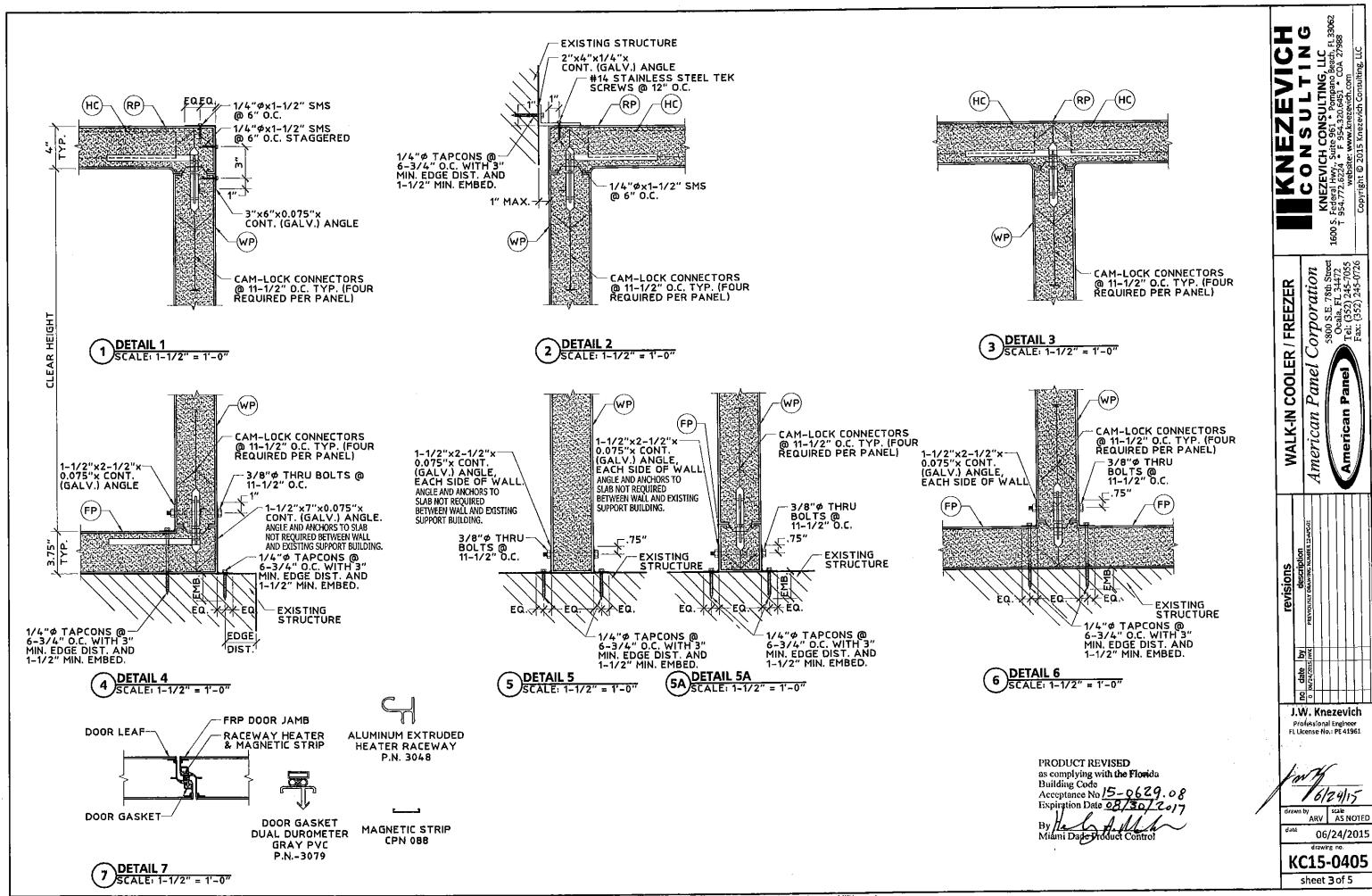
Panel

American

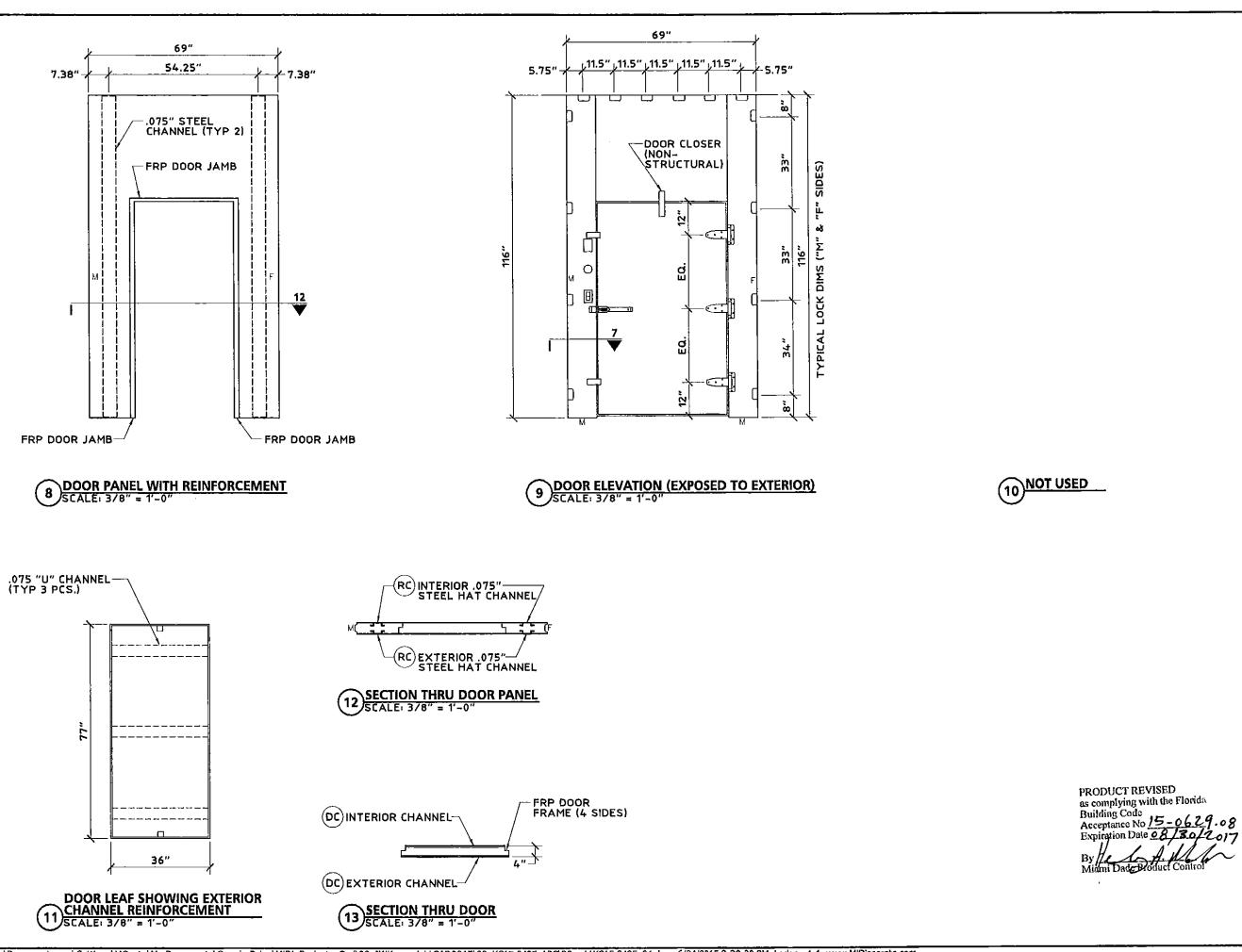
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Corporation 5800 S.E. 78th Street Ocala, FL 34472 Tel: (352) 245-7055 Fax: (352) 245-7026





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KNEZEVIC 1600 S. Federal Hwy., T 954.772.6224 Corporation 5800 S.E. 78th Street Ocala, FL 3472 Tel: (3\$2) 245-7055 Fax: (352) 245-7056 WALK-IN COOLER / FREEZER American Panel J.W. Knezevich Professional Engineer FL License No.: PE 41961

6/24/15

06/24/2015

drawn by scale
ARV AS NOTED

drawing no.

KC15-0405 sheet 4 of 5

